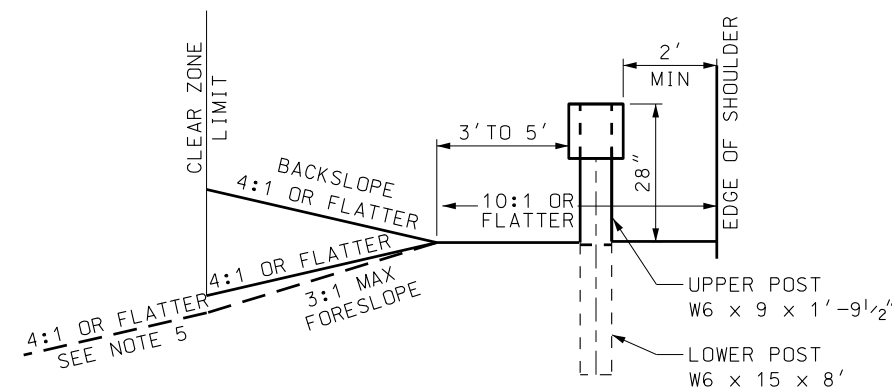


DETAIL WHEN SYSTEM IS INSTALLED WITH CONSTANT SLOPE BARRIER

(GROUND MOUNTED POST SHOWN, SURFACE MOUNTED STEEL BREAKAWAY POST ACCEPTABLE, SEE NOTE 4)



DETAIL WHEN SYSTEM IS INSTALLED WITH NEW JERSEY SHAPED BARRIER

(GROUND MOUNTED POST SHOWN, SURFACE MOUNTED STEEL BREAKAWAY POST ACCEPTABLE, SEE NOTE 4)

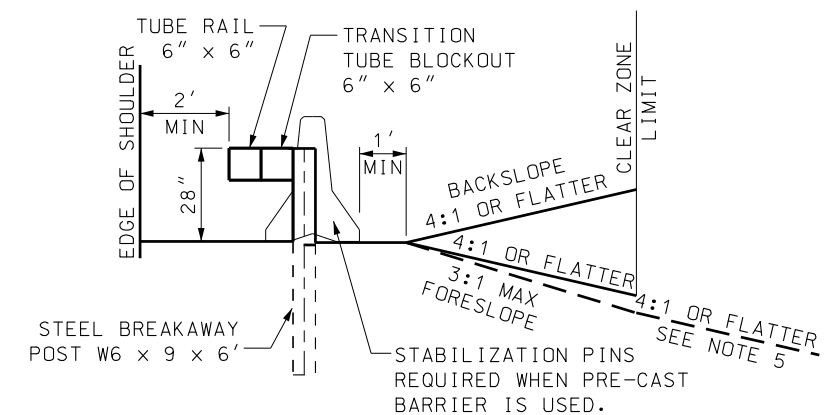
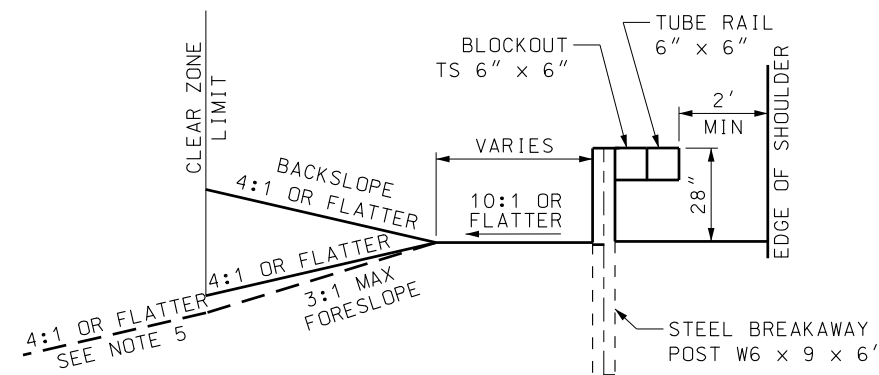
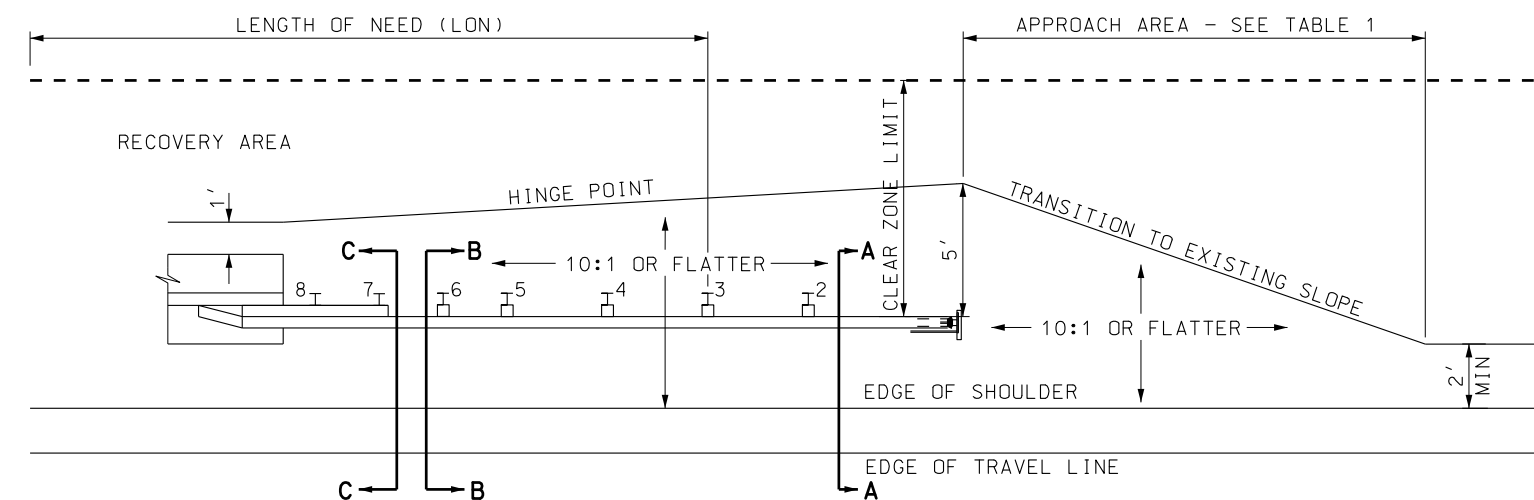


TABLE 1

TABLE 1	
SPEED MPH	TAPER
LESS THAN 40	7:1
40 TO 55	10:1
60 TO 75	15:1



SUPPLEMENTAL DRAWING

NOTES FOR CRASH CUSHION TYPE F

1. THE BEAT-SSCC, MANUFACTURED BY ROAD SYSTEMS INC. SEE UDOT'S GUIDELINES FOR CRASH CUSHIONS FOR SPECIFIC SYSTEM DETAILS.
2. USE SYSTEM WHEN DIRECT ATTACHMENT TO BARRIER IS REQUIRED AND THERE IS LESS THAN 125 FEET OF LONGITUDINAL SPACE IN FRONT OF THE HAZARD. INSTALL SYSTEM AS PER UDOT'S AND MANUFACTURER'S SPECIFICATIONS.
3. ATTACH SYSTEM TRANSITION TO BARRIER OR BRIDGE PARAPET AS PER MANUFACTURER'S REQUIREMENTS.
4. HAVE SHOP DRAWING AVAILABLE ON SITE FOR REFERENCE DURING INSTALLATION.
5. THE BEAT-SSCC REQUIRES A GRADED AND COMPACTED SURFACE WHEN GROUND MOUNTED POSTS ARE USED. SURFACE MOUNTED POST OPTIONAL. USE MANUFACTURER'S SPECIFICATIONS FOR CONCRETE PAD, POSTS AND MOUNTING HARDWARE.
6. COMPLETE SLOPE PREPARATION PRIOR TO INSTALLING SYSTEM.
 - A. USE 10:1 OR FLATTERSLOPES IN APPROACH AREA.
 - B. USE 4:1 OR FLATTER FORESLOPE OR BACKSLOPE IN THE RECOVERY AREA.
 - 1) IF A 4:1 FORESLOPE IN RECOVERY AREA IS IMPRACTICAL USE A RECOVERY AREA AT THE TOE OF THE 3:1 FORESLOPE OF 4:1 OR FLATTER.
 - 2) MAXIMUM 4:1 BACKSLOPE TO THE CLEAR ZONE LIMIT IN THE RECOVERY AREA.
7. CLEAR RECOVERY AND APPROACH AREAS OF ANY FIXED OBJECTS.
 - A. DO NOT PLACE SIGNS OR POLES IN APPROACH AREA.
 - B. USE BREAKAWAY SIGNS OR POLES WHEN PLACED IN RECOVERY AREA. MAINTAIN A MINIMUM 10 FOOT CLEARANCE TO SYSTEM.
8. INSTALL REQUIRED MARKING AS PER STD DWG CC 1, TYPE G.
9. REFER TO THE CURRENT EDITION OF THE AASHTO ROADSIDE DESIGN GUIDE TO DETERMINE LENGTH OF NEED (LON) AND CLEAR ZONE REQUIREMENTS.

REVISIONS		
1	04/24/08	GS ADDED MISSING INFORMATION.

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROADS AND BRIDGE CONSTRUCTION

RECOMMENDED FOR APPROVAL _____ DATE APR.24,2008

CHAIRMAN STANDARDS COMMITTEE _____ DATE APR.24,2008

APPROVED _____

DEPUTY DIRECTOR _____

CRASH CUSHION
TYPE F
BEAT-S5CC

STANDARD DRAWING TITLE

STD DWG
CC 7B